

**REMARKS**

Claims 1 and 3-18 are currently pending in the present application, with Claim 18 being amended. Reconsideration and reexamination of Claim 18 are respectfully requested.

The Examiner rejected Claim 18 under 35 U.S.C. § 102(b) as being anticipated by Matsuda (U.S. Patent No. 5,412,380). This rejection is respectfully traversed in view of the amended claim.

Claim 18 recites an analog switch architecture for switching analog waveform signals. Matsuda, on the other hand, is directed to digital switching architecture within an ATM system. In Matsuda, the digital switch matrix operates such that 1 of N digital inputs is switched to 1 of N digital outputs, whereas the present invention discloses an analog switch architecture that can interconnect an input to either one or all of the N outputs. As a result, the invention recited in Claim 18 can drive multiple multiplexers (as shown in Fig. 1). Matsuda simply does not contain any disclosure of an analog switch architecture, and the switch architecture disclosed in Matsuda cannot interconnect an input with multiple outputs. More importantly, the architecture disclosed in Matsuda cannot drive multiple multiplexers.

Accordingly, Applicants respectfully submit that new Claim 18 is not anticipated by, nor obvious in view of, Matsuda.

In view of the above, each of the presently pending claims in this application is believed to be in condition for allowance. The Examiner is respectfully requested to withdraw the outstanding rejection of the claims and to pass this application to issue. If it is determined that a telephone conversation would expedite the prosecution of this application, the Examiner is invited to telephone the undersigned at the number given below.

In the unlikely event that the transmittal letter is separated from this document and the Patent Office determines that an extension and/or other relief is required, applicant petitions for any

required relief including extensions of time and authorizes the Assistant Commissioner to charge the cost of such petitions and/or other fees due in connection with the filing of this document to **Deposit Account No. 03-1952** referencing docket no. 535352002200. However, the Assistant Commissioner is not authorized to charge the cost of the issue fee to the Deposit Account.

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Respectfully submitted,

By 

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